

SYSTEM AND METHOD FOR STRONG ACCESS CONTROL TO A NETWORK

ABSTRACT OF THE DISCLOSURE

A system and method for strong access control to a network is provided. An access control server and authentication device are provided for controlling access to a network. The access controlled by the access control server may include network protocols, network resources, and electronic devices that may be coupled to the network. Network resources may include data
5 stored on the network. The access control server may grant access to the network to a user based upon a correct response received from an authentication device assigned to the user. The user may be able to access only selected data that may be determined by an access level assigned to the authentication device. Upon authentication, the authentication device must remain active to maintain a network session. The authentication device becomes inactive when it is deactivated,
10 uncoupled from the network, or in any mode in which the device cannot produce a response to the access control server. The network session ends when it is determined that the authentication device is inactive.